



# STEEL MARKET

(Formerly known as Edalat Steel)

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## TEST CERTIFICATE

PRODUCT INFORMATION												
PRODUCT		GRADE			HEAT NO.			DIAMETER, TOL. (mm)				
Stainless Steel wire		304			S7101			0.18 mm ( $\pm$ 0.005 mm)				
SURFACE FINISH	P.O NO. /WO NO.	INVOICE NO. /DATE	TC NO. / DATE	QUANTITY								
				NO. OF SPOOL /COILS/BOX	WEIGHT (Kg.)							
BRIGHT	BE22Y-00356 / WE22Y-00336	EX23Y-00031 14/04/2023	22Y0460 B 13/03/2023	-	-							
CHEMICAL COMPOSITION (%)												
ELEMENTS		C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N2	Other
SPECIFIED	MIN.	---	---	---	---	---	8.00	18.00	---	---	---	---
	MAX.	0.080	2.00	1.00	0.030	0.045	10.50	20.00	---	---	0.100	---
RESULTS		0.019	1.32	0.37	0.007	0.036	8.10	18.14	0.180	0.390	0.0330	---
MECHANICAL PROPERTIES												
TEST		DIAMETER (mm)	TENSILE STRENGTH (N/mm <sup>2</sup> )	YIELD STRENGTH (N/mm <sup>2</sup> )	ELONGATION (%)	SURFACE CONDITION						
SPECIFIED	MIN.	0.175	600	---	---	BRIGHT SOFT						
	MAX.	0.185	800	---	---							
RESULTS	IDENTIFICATION											
	SPOOL NO. 151	0.178	774	---	42	BRIGHT SOFT						
	SPOOL NO. 155	0.181	767	---	41	BRIGHT SOFT						

### REMARKS

\* MATERIAL IS FREE FROM MERCURY CONTAMINATION.

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We Hereby Certify That The Material Describe Herein Has Been Manufactured And Tested With Satisfactory Results in Accordance With The Requirements. Mechanical Test Results Are Taken Randomly From The Lot.  
All The Material Has Been Tested And Found To be Free From Radioactive Contaminations.

WORKS INSPECTOR